

Providing Aluminium Chequered Plate Platform in MAG HMC Machine, to replace existing old damaged wooden platforms. Final shape, dimension as per site condition, as per operators request and finalized by BEML Engineer In-charge.

Two Nos. of Operator's Platform – to be used in MAG HMC Machine: Approximate Dimension is --

- A) One box of size 9' x 8' for loading / waiting / unloading / coolant spillage in the tray
- B) One box of size 11' x 11' for operator platform building of 2ft height approx..

Final measurement taken & piece by piece platform boxes to be prepared later as per the site condition.

i) Aluminium chequered plate 4mm thick – size for both A & B platform -- $11' \times 11' + 11' \times 3' + 9' \times 8' = 226 \text{ sq. ft}$ – add 20% wastage = 271 sq. Ft

OR say 13 no. of sheet of size 4mm x 3' x 7' size. (273 sq.ft)

ii) Hard plywood 1" thick – 271 sq. ft

OR say 13 nos. of sheet of size 1" x 3' x 7' size (273 sq. ft)

iii) MS Material – 50 x 50 x 6 mm angle – size for A ($9' \times 2 \text{ pc} + 8' \times 2 \text{ pc} + 1' \text{ H} \times 12 \text{ pc}$) = 46 ft

Size for B ($11' \times 4 \text{ pc} + 11' \times 2 \text{ pc} + 2' \text{ H} \times 12 \text{ pc}$) = 90 ft. total 136 ft – add 20% wastage = 163 ft long

OR say 50x50x6mm x 20ft long -- 8 length required.

iv) MS Material – 40 x 40 x 6 mm angle – size for A ($9' \times 4 \text{ pc} + 8' \times 5 \text{ pc}$) = 76 ft

Size for B ($11' \times 5 \text{ pc} + 11' \times 5 \text{ pc}$) = 110 ft. total 186 ft – add 20% wastage = 223 ft **OR say**

40x40x6mm x 20ft long – 11 length required.

v) MS Material – 25 x 25 x 5 mm angle – size for A (20 box X 3ft pc) = 60 ft long

Size for B ($11' \times 5 \text{ pc} + 11' \times 5 \text{ pc}$) = 110 ft. total 170 ft. long – add 20% wastage – 204 ft **OR say**

25x25x5mm x 20ft long – 10 length required.

vi) Miscellaneous hardware items like Screws / Rivets / Bolt Nuts etc. and painting items for 1 coat of Red oxide primer and 2 coats of black enamel painting.

Estimation: for MAG M/c Loading Area/Operator Platform

Item no.	Item Description	Qty. in length / nos. / sq. ft	Material Cost	Labour Charges
1	MS Material 50 x 50 x 6 mm angle	8 length		
2	MS Material 40 x 40 x 6 mm angle	11 length		
3	MS Material 25 x 25 x 5 mm angle	10 length		
	Sub Total(29 length)			
4	1" thick hard plywood – total	273 sq. ft		
5	4mm thick aluminium chequered plate	273 sq. ft		
	Total			
6	Miscellaneous Paint & hardware items like bolt nut rivet screw etc. and paint material for 1coat of Red oxide primer and 2 coats of Black enamel painting.			
	G. Total			

Total Approximate Estimation of Rs. Lakhs(in words :)

Applicable Taxes if any -----

Firm's Scope is to supply required materials like 50x50x6mm 20ft. long MS angles, 40x40x6mm 20ft. long MS angles, 25x25x5mm 20ft. long MS angles, 1 inch thick hard plywood, 4mm thick aluminium chequered plates, required hardware items like screws / bolt nuts, required painting items like brushes, paint, thinner etc. for 1 coat of red oxide primer, 2 coats of black enamel painting, Complete Labour for metal cutting, gas cutting, welding, grinding, screwing, painting etc. includes Transportation, Removing existing old wooden platforms, preparation of surface area, complete work as required at site / as per operators request and finalised by BEML Engineer In-charge.

Any other materials and labour involved, which is not listed above is also in Firm's Scope, to complete the job as per Operator's Satisfaction and for intended usefulness.

Sign & Stamp of Firm.

Note: This Annexure copy, which is duly filled up, signed & stamped copy to be enclosed along with commercial offer, while submitting Firm's Bid.